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<u>L4</u>	L2 and target adj functions and weighting and solving and equations and predict\$ and stochastic and points	1	<u>L4</u>
<u>L3</u>	L2 and target adj functions and weighting adj factor and solving and equations and predict\$ and stochastic and points	1	<u>L3</u>
<u>L2</u>	technical adj system	1645	<u>L2</u>
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☐ 1. Document ID: US 20050256683 A1

L7: Entry 1 of 4

File: PGPB

Nov 17, 2005

PGPUB-DOCUMENT-NUMBER: 20050256683

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050256683 A1

TITLE: Method and arrangement for designing a technical system

PUBLICATION-DATE: November 17, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hillermeier, Claus	Ubersee		DE

US-CL-CURRENT: 703/1; 703/2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 2. Document ID: US 20040172375 A1

L7: Entry 2 of 4

File: PGPB

Sep 2, 2004

PGPUB-DOCUMENT-NUMBER: 20040172375

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040172375 A1

TITLE: Method for determining the permitted working range of a neural network

PUBLICATION-DATE: September 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Mogk, Georg	Kurten		DE
Mrziglod, Thomas	Bergisch Gladbach		DE
Hubl, Peter	Leverkusen		DE

US-CL-CURRENT: 706/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 3. Document ID: US 7043409 B1

L7: Entry 3 of 4

File: USPT

May 9, 2006

US-PAT-NO: 7043409

DOCUMENT-IDENTIFIER: US 7043409 B1

TITLE: Method and device for designing a technical system

DATE-ISSUED: May 9, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schaffler; Stefan	Augsburg			DE
Sturm; Thomas	Munchen			DE

US-CL-CURRENT: 703/2; 700/30, 700/31, 702/182, 702/189

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 4. Document ID: WO 2004021209 A2

L7: Entry 4 of 4

File: EPAB

Mar 11, 2004

PUB-NO: WO2004021209A2

DOCUMENT-IDENTIFIER: WO 2004021209 A2

TITLE: METHOD AND ARRANGEMENT FOR DESIGNING A TECHNICAL SYSTEM

PUBN-DATE: March 11, 2004

INVENTOR-INFORMATION:

NAME	COUNTRY
HILLERMEIER, CLAUS	DE
STOEHR, ANNELIE	DE

INT-CL (IPC): G06F 17/13

EUR-CL (EPC): G05B013/02; G05B013/02

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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<u>L8</u>	5,361,628.pn.	2	<u>L8</u>
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<u>L6</u>	L2 and target adj functions	38	<u>L6</u>
<u>L5</u>	target adj functions and weighting adj factor and solving and equations and predict\$ and stochastic and points	13	<u>L5</u>
<u>L4</u>	L2 and target adj functions and weighting and solving and equations and predict\$ and stochastic and points	1	<u>L4</u>
<u>L3</u>	L2 and target adj functions and weighting adj factor and solving and equations and predict\$ and stochastic and points	1	<u>L3</u>
<u>L2</u>	technical adj system	1645	<u>L2</u>
<u>L1</u>	neural adj network and target adj functions and weighting adj factor and solving and equation and predict\$ and stochastic and points	4	<u>L1</u>

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<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L11</u>	L10 and predict\$	30	<u>L11</u>
<u>L10</u>	design\$ with technical adj system	147	<u>L10</u>
<u>L9</u>	10/524,556	1	<u>L9</u>
<u>L8</u>	5,361,628.pn.	2	<u>L8</u>
<u>L7</u>	L6 and weighting and equations	4	<u>L7</u>
<u>L6</u>	L2 and target adj functions	38	<u>L6</u>
<u>L5</u>	target adj functions and weighting adj factor and solving and equations and predict\$ and stochastic and points	13	<u>L5</u>
<u>L4</u>	L2 and target adj functions and weighting and solving and equations and predict\$ and stochastic and points	1	<u>L4</u>
<u>L3</u>	L2 and target adj functions and weighting adj factor and solving and equations and predict\$ and stochastic and points	1	<u>L3</u>
<u>L2</u>	technical adj system	1645	<u>L2</u>

L1 neural adj network and target adj functions and weighting adj factor and
solving and equation and predict\$ and stochastic and points

4 L1

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Search Results -

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<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
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<u>L12</u>	design\$ adj technical adj system	34	<u>L12</u>
<u>L11</u>	L10 and predict\$	30	<u>L11</u>
<u>L10</u>	design\$ with technical adj system	147	<u>L10</u>
<u>L9</u>	10/524,556	1	<u>L9</u>
<u>L8</u>	5,361,628.pn.	2	<u>L8</u>
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<u>L4</u>	L2 and target adj functions and weighting and solving and equations and predict\$ and stochastic and points	1	<u>L4</u>
L2 and target adj functions and weighting adj factor and solving and			

<u>L3</u>	equations and predict\$ and stochastic and points	1	<u>L3</u>
<u>L2</u>	technical adj system	1645	<u>L2</u>
<u>L1</u>	neural adj network and target adj functions and weighting adj factor and solving and equation and predict\$ and stochastic and points	4	<u>L1</u>

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☐ 1. Document ID: US 20050256683 A1

L13: Entry 1 of 4

File: PGPB

Nov 17, 2005

PGPUB-DOCUMENT-NUMBER: 20050256683

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050256683 A1

TITLE: Method and arrangement for designing a technical system

PUBLICATION-DATE: November 17, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hillmermeier, Claus	Ubersee		DE

US-CL-CURRENT: [703/1](#); [703/2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw D
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☐ 2. Document ID: US 6343261 B1

L13: Entry 2 of 4

File: USPT

Jan 29, 2002

US-PAT-NO: 6343261

DOCUMENT-IDENTIFIER: US 6343261 B1

TITLE: Apparatus and method for automatically diagnosing a technical system with efficient storage and processing of information concerning steps taken

DATE-ISSUED: January 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Iwanowski; Sebastian	Glienicke			DE
John; Ute	Berlin			DE
May; Volker	Berlin			DE
Tatar; Mugur	Berlin			DE

US-CL-CURRENT: [702/183](#); [714/E11.157](#), [714/E11.167](#), [718/108](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw D
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☐ 3. Document ID: WO 2004021209 A2

L13: Entry 3 of 4

File: EPAB

Mar 11, 2004

PUB-NO: WO2004021209A2

DOCUMENT-IDENTIFIER: WO 2004021209 A2

TITLE: METHOD AND ARRANGEMENT FOR DESIGNING A TECHNICAL SYSTEM

PUBN-DATE: March 11, 2004

INVENTOR-INFORMATION:

NAME

COUNTRY

HILLERMEIER, CLAUD

DE

STOEHR, ANNELIE

DE

INT-CL (IPC): G06F 17/13

EUR-CL (EPC): G05B013/02; G05B013/02

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D
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☐ 4. Document ID: WO 200029993 A2

L13: Entry 4 of 4

File: DWPI

May 25, 2000

DERWENT-ACC-NO: 2000-387916

DERWENT-WEEK: 200033

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TITLE: Procedure to identify choice of significant description values for technical system - models system using data sets, classifies data sets and processes using hold out procedure

INVENTOR: LIGGESMEYER, P; RETTELBACH, M

PRIORITY-DATA: 1998DE-1052469 (November 13, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 200029993 A2	May 25, 2000	G	021	G06F017/60

INT-CL (IPC): G06F 17/60

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D
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<u>L14</u>	5,361,628.pn.	2	<u>L14</u>
<u>L13</u>	L12 and predict\$	4	<u>L13</u>
<u>L12</u>	design\$ adj technical adj system	34	<u>L12</u>
<u>L11</u>	L10 and predict\$	30	<u>L11</u>
<u>L10</u>	design\$ with technical adj system	147	<u>L10</u>
<u>L9</u>	10/524,556	1	<u>L9</u>
<u>L8</u>	5,361,628.pn.	2	<u>L8</u>
<u>L7</u>	L6 and weighting and equations	4	<u>L7</u>
<u>L6</u>	L2 and target adj functions	38	<u>L6</u>
<u>L5</u>	target adj functions and weighting adj factor and solving and equations and predict\$ and stochastic and points	13	<u>L5</u>
	L2 and target adj functions and weighting and solving and equations and		

<u>L4</u>	predict\$ and stochastic and points	1	<u>L4</u>
<u>L3</u>	L2 and target adj functions and weighting adj factor and solving and equations and predict\$ and stochastic and points	1	<u>L3</u>
<u>L2</u>	technical adj system	1645	<u>L2</u>
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